

IN THE CLAIMS

The following is a complete list of the claims now pending; this listing replaces all earlier versions and listings of the claims.

Claims 1-23 (canceled)

Claim 24 (currently amended): A host computer that communicates both with a management apparatus, which manages fonts, and with a printing apparatus via a predetermined communication line network, said host computer comprising:

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a reference unit adapted to refer to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration unit adapted to download font data to the printing apparatus for registration; and

a transmission unit adapted to transmit registration information, indicating the font data downloaded by said font registration unit, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus by said font registration unit.

Claim 25 (previously presented): A host computer according to Claim 24, further comprising an instruction unit adapted to send a delete instruction to the printing apparatus to delete the font data registered in the printing apparatus, wherein the font registration information retained in the management apparatus is updated in response to deletion of the font data, in accordance with the delete instruction.

Claim 26 (previously presented): A host computer according to Claim 24, further comprising a specifying unit adapted to specify information on a font to be downloaded, based on the font registration information referred to by said reference unit.

Claim 27 (previously presented): A host computer according to Claim 24, wherein said font registration unit collectively downloads the font data to a plurality of printing apparatuses for registration.

Claim 28 (previously presented): A host computer according to Claim 24, further comprising a specifying unit adapted to specify information on a font to be registered in the printing apparatus, based on the font registration information referred to by said reference unit.

Claim 29 (previously presented): A host computer according to Claim 26, wherein

the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses,

said specifying unit specifies information on a font to be downloaded to each printing apparatus, based on the font registration information, and

said font registration unit collectively downloads the font data to the plurality of printing apparatuses for registration, in response to specification of the information by said specifying unit.

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Claim 30 (previously presented): A host computer according to Claim 24, wherein the font registration information includes information that indicates a printer name and a font name.

Claim 31 (currently amended): A host computer that communicates both with a management apparatus, which manages fonts, and with a predetermined apparatus via a ~~predetermined communication line~~ network, said host computer comprising:

a reference unit adapted to refer to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration unit adapted to download font data to the predetermined apparatus for registration; and

a transmission unit adapted to transmit registration information, indicating the font data downloaded by said font registration unit, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the predetermined apparatus by said font registration unit.

Claim 32 (currently amended): A print system comprising a printing apparatus and a host computer that communicates, via a network, both with a management apparatus, which manages fonts, in which system font data from said host computer is registered in said printing apparatus, and said printing apparatus, which performs a printing process using the registered font data,

wherein said host computer comprises:

a reference unit adapted to refer to font registration information that includes information specifying a font, the font registration information being retained in the management apparatus;

a font registration unit adapted to download the font data to said printing apparatus for registration; and

a transmission unit adapted to transmit registration information, indicating the font data downloaded by the font registration unit, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is

downloaded to the printing apparatus by the font registration unit.

Claim 33 (currently amended): A communication method of a host computer that communicates both with a management apparatus, which manages fonts, and with a printing apparatus via a ~~predetermined communication line~~ network, said method comprising:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the printing apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.

Claim 34 (previously presented): A method according to Claim 33, further comprising an instruction step of sending a delete instruction to the printing apparatus to delete the font data registered in the printing apparatus, wherein the font registration information retained in the management apparatus is updated in response to deletion of the font data, in accordance with the delete instruction.

Claim 35 (previously presented): A method according to Claim 33, further comprising a specification step of specifying information on a font to be downloaded, based on the font registration information referred to in said reference step.

Claim 36 (previously presented): A method according to Claim 33, wherein, in said font registration step, the font data is collectively downloaded to a plurality of printing apparatuses for registration.

Claim 37 (previously presented): A method according to Claim 33, further comprising a specification step of specifying information on a font to be registered in the printing apparatus, based on the font registration information referred to in said reference step.

Claim 38 (previously presented): A method according to Claim 35, wherein the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses,

said specification step specifies information on a font to be downloaded to each printing apparatus, based on the font registration information, and

said font registration step collectively downloads the font data to the plurality of printing apparatuses for registration, in response to specification of the information in said specification step.

Claim 39 (previously presented): A method according to Claim 33, wherein the font registration information includes information that indicates a printer name and a font name.

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Claim 40 (currently amended): A communication method of a host computer that communicates both with a management apparatus, which manages fonts, and with a predetermined apparatus via a ~~predetermined communication line~~ network, said method comprising:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the predetermined apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the predetermined apparatus in said font registration step.

Claim 41 (currently amended): A communication method of a print system that includes a printing apparatus and a host computer that communicates, via network, both with a

management apparatus, which manages fonts, in which system font data from the host computer is registered in the printing apparatus, and the printing apparatus, which performs a printing process using the registered font data, said method comprising, at the host computer:

a reference step of referring to font registration information that includes information specifying a font, the font registration information being retained in the management apparatus;

a font registration step of downloading the font data to the printing apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.

Claim 42 (currently amended): A storage medium storing a computer-readable program for implementing a communication method of a host computer that communicates both with a management apparatus, which manages fonts, and with a printing apparatus via a ~~predetermined communication line~~ network, wherein the method comprises:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the printing apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.

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Claim 43 (previously presented): A storage medium according to Claim 42, wherein the method further comprises an instruction step of sending a delete instruction to the printing apparatus to delete the font data registered in the printing apparatus, such that the font registration information retained in the management apparatus is updated in response to deletion of the font data, in accordance with the delete instruction.

Claim 44 (previously presented): A storage medium according to Claim 42, wherein the method further comprises a specification step of specifying information on a font to be downloaded, based on the font registration information referred to in said reference step.

Claim 45 (previously presented): A storage medium according to Claim 42, wherein, in said font registration step, the font data is collectively downloaded to a plurality of printing apparatuses for registration.

Claim 46 (previously presented): A storage medium according to Claim 42, wherein the method further comprises a specification step of specifying information on a font to be registered in the printing apparatus, based on the font registration information referred to in said reference step.

Claim 47 (previously presented): A storage medium according to Claim 44, wherein

the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses,

said specification step specifies information on a font to be downloaded to each printing apparatus, based on the font registration information, and

said font registration step collectively downloads the font data to the plurality of printing apparatuses for registration, in response to specification of the information in said specification step.

Claim 48 (previously presented): A storage medium according to Claim 42, wherein the font registration information includes information that indicates a printer name and a font name.

Claim 49 (currently amended): A storage medium storing a computer-readable program for implementing a communication method of a host computer that

communicates both with a management apparatus, which manages fonts, and with a predetermined apparatus via a ~~predetermined communication line~~ network, wherein the method comprises:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the predetermined apparatus for registration; and

C a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the predetermined apparatus in said font registration step.

Claim 50 (currently amended): A storage medium storing a computer-readable program for implementing a communication method of a print system that includes a printing apparatus and a host computer that communicates, via a network, both with a management apparatus, which manages fonts, in which system font data from the host computer is registered in the printing apparatus, and the printing apparatus, which performs a printing process using the registered font data, wherein the method comprises, at the host computer:

a reference step of referring to font registration information that includes

information specifying a font, the font registration information being retained in the management apparatus;

a font registration step of downloading the font data to the printing apparatus for registration; and

C a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.

Claim 51 (currently amended): A computer program product embodying a program for implementing a communication method of a host computer that communicates both with a management apparatus, which manages fonts, and with a printing apparatus via a ~~predetermined communication line~~ network, wherein the method comprises:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the printing apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the

font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.

Claim 52 (previously presented): A computer program product according to Claim 51, wherein the method further comprises an instruction step of sending a delete instruction to the printing apparatus to delete the font data registered in the printing apparatus, such that the font registration information retained in the management apparatus is updated in response to deletion of the font data, in accordance with the delete instruction.

Claim 53 (previously presented): A computer program product according to Claim 51, wherein the method further comprises a specification step of specifying information on a font to be downloaded, based on the font registration information referred to in said reference step.

Claim 54 (previously presented): A computer program product according to Claim 51, wherein, in said font registration step, the font data is collectively downloaded to a plurality of printing apparatuses for registration.

Claim 55 (previously presented): A computer program product according to Claim 51, wherein the method further comprises a specification step of specifying information on

a font to be registered in the printing apparatus, based on the font registration information referred to in said reference step.

Claim 56 (previously presented): A computer program product according to Claim 53, wherein

the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses,

said specification step specifies information on a font to be downloaded to each printing apparatus, based on the font registration information, and

said font registration step collectively downloads the font data to the plurality of printing apparatuses for registration, in response to specification of the information in said specification step.

Claim 57 (previously presented): A computer program product according to Claim 51, wherein the font registration information includes information that indicates a printer name and a font name.

Claim 58 (currently amended): A computer program product embodying a program for implementing a communication method of a host computer that communicates both with a management apparatus, which manages fonts, and with a predetermined apparatus via a ~~predetermined communication line~~ network, wherein the method comprises:

a reference step of referring to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data to the predetermined apparatus for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the predetermined apparatus in said font registration step.

Claim 59 (currently amended): A computer program product embodying a program for implementing a communication method of a print system that includes a printing apparatus and a host computer that communicates, via a network, both with a management apparatus, which manages fonts, in which system font data from the host computer is registered in the printing apparatus, and the printing apparatus, which performs a printing process using the registered font data, wherein the method comprises, at the host computer:

a reference step of referring to font registration information that includes information specifying a font, the font registration information being retained in the management apparatus;

a font registration step of downloading the font data to the printing apparatus

for registration; and

a transmission step of transmitting registration information, indicating the font data downloaded in said font registration step, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information, wherein the font registration information is used when the font data is downloaded to the printing apparatus in said font registration step.
